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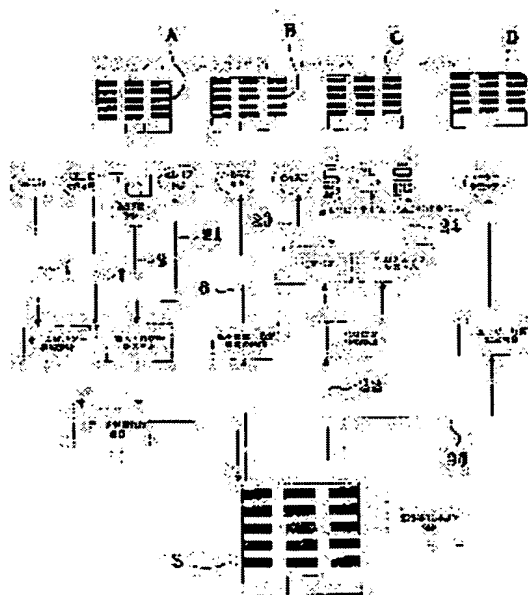
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(54) MANAGEMENT AND INQUIRY SYSTEM FOR CONSTRUCTION PROGRESS STATE



(57)Abstract:

PROBLEM TO BE SOLVED: To provide a construction progress state management and inquiry system which can provide information even for an owner and advances construction, not to mention process control over the construction, etc., because of the problem that a house, a structure, etc., are constructed in individually different states irrelevantly to new construction, building extension, and restoration and it is frequently difficult to examine the construction processes by easily disassemble and restore the building after the construction.

SOLUTION: In computer environment using a network such as the Internet, etc., this construction progress state management and inquiry system stores basic information 1 regarding construction contents, construction progress state information 9, alteration information 7 on construction processes, etc., and notification information to the owner through time management

and provides them for the constructor and owner, and stores information 6 from the owner sequentially through time management and also provides it for the constructor and owner at any time.

LEGAL STATUS

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CLAIMS

[Claim(s)]

[Claim 1] In computer environment connected by network, such as the Internet The basic information about the content of construction and construction process including a foreman etc. from a construction contractor, The change information about change of the progress status information about a construction progress situation, a construction process, or the content of construction, While accumulating the connection information which consists of an informative matter to a chief mourner etc. under time management and providing for a construction contractor and a chief mourner at any time The construction progress situation management reference system which consists of providing for a construction contractor and a chief mourner at any time while accumulating information under time management at any time [which consists of a request of a chief mourner, a claim, consent, an informative matter, etc.].

[Claim 2] In a construction progress situation management reference system according to claim 1, it is related with the construction of a condominium etc. which can be exhibited. The basic information from a construction contractor, While providing so that the 3rd person may read progress status information, change information, connection information, etc. and can do them The construction progress situation management reference system with which only those who were specified by the identification information which becomes at any time from an identification number, a password, a voiceprint, code software, etc. case [like / after sales contract negotiation] were provided possible / read-out /.

[Claim 3] The construction progress situation management reference system which comes to include the changed information which consists of contrast before and behind change of a standard schedule when a construction contractor adds change to a standard schedule, and the reason for change and change etc. while providing a

construction contractor with the standard schedule for basic information creation in basic information in a claim 1 or a construction progress situation management reference system given in either of 2.

[Claim 4] The construction progress situation management reference system which consists of the profile including the picture of a construction contractor, a foreman, the lower job for every process, a cooperation company, etc. being contained in basic information in a construction progress situation management reference system according to claim 1 to 3.

[Claim 5] The input of the progress status information which follows a construction schedule in a construction progress situation management reference system according to claim 1 to 4 is the construction progress situation management reference system which was made to be performed with the check of the construction item of the construction schedule of the day.

[Claim 6] It is the construction progress situation management reference system which emitted warning to a foreman's construction contractors, such as a cellular phone, on schedule when going out or business should be started and processing was not performed, after the foreman transmitted [every day] and received the work program of a construction progress situation and that day through the personal computer etc. in the construction progress situation management reference system according to claim 1 to 5.

[Claim 7] The construction progress situation management reference system which becomes progress status information from the inspection result which has the image data which consists of a photograph or an animation for every inspection item for process each **** of every etc. being contained in a construction progress situation management reference system according to claim 1 to 6.

[Claim 8] The progress status information which tells completion of each process in a construction progress situation management reference system according to claim 1 to 7 is a construction progress situation management reference system which consists of separate process completion information containing the image data which can accept at least two or more persons' identity, a foreman, a lower job, etc.

[Claim 9] The construction progress situation management reference system which issued the payment directions to the lower job of the process in the construction progress situation management reference system according to claim 1 to 8 after checking completion of each process of progress status information.

[Claim 10] The construction progress situation management reference system which prevents from having taken out construction directions of the following process to it

reference 1

in the construction progress situation management reference system according to claim 1 to 9 if a last process is not completed to progress status information when a last process is an indispensable process.

[Claim 11] The construction progress situation management reference system which made possible read-out of the information sent to cellular phones of a construction contractor or a chief mourner, such as a personal computer, etc. with image data or voice etc. which consists of a photograph or an animation in the construction progress situation management reference system according to claim 1 to 10.

[Claim 12] The construction progress situation management reference system which comes to prepare a perusal check means to check that the construction contractor or the chief mourner has read each information in a construction progress situation management reference system according to claim 1 to 11 in each information.

[Claim 13] The construction progress situation management reference system to which the warning which becomes cellular phones of a construction contractor, a foreman, a lower job, or a chief mourner, such as a personal computer, etc. from voice, vibration, luminescence, etc. in a construction progress situation management reference system according to claim 1 to 12 when information has input delay progress status information, connection information, or at any time is emitted, and the input was urged.

[Claim 14] The construction progress situation management reference system it enabled it to send to cellular phones, such as a personal computer which has the network function which a chief mourner specifies by absent connection of a chief mourner in a construction progress situation management reference system according to claim 1 to 13, etc.

[Claim 15] The construction progress situation management reference system to which warning is emitted to a construction contractor and the input of the cure was urged in the construction progress situation management reference system according to claim 1 to 14 when the delay from a construction schedule was in progress status information.

[Claim 16] The construction progress situation management reference system which consists of urging the input of the change information which consists of comparison of the schedule before and behind the construction schedule after change, the reason for change, and change etc., and notifying a chief mourner in a construction progress situation management reference system according to claim 1 to 15 when progress status information has change of a construction schedule.

[Claim 17] It is the construction progress situation management reference system

which consists of being able to perform the input of the time of choice, notifying a construction contractor, a foreman, etc., adjusting both time, attending [specify the applicable process of a construction schedule table, attend at it,] at it, and determining a schedule when a chief mourner wants to attend at construction in a construction progress situation management reference system according to claim 1 to 16.

[Claim 18] The construction progress situation management reference system which contains the image which progress status information becomes from the still picture or animation of a construction situation of real time in the construction progress situation management reference system according to claim 1 to 17. [of a site]

[Claim 19] The construction progress situation management reference system which becomes cellular phones of a construction contractor or a foreman, such as a personal computer, etc. from warning going in a construction progress situation management reference system according to claim 18 when a chief mourner or a system discovers a fault point and a point in question to construction.

[Claim 20] The construction progress situation management reference system which enabled it to perform schedule-pipe ** of the repair plan based on the claim of a chief mourner or a system in a construction progress situation management reference system according to claim 1 to 19.

[Claim 21] The construction progress situation management reference system by which connection information includes the position supplement information on a foreman or a lower job in the construction progress situation management reference system according to claim 1 to 20.

[Claim 22] It is the construction progress situation management reference system which can perform the position supplement information on a foreman or a lower job by the whereabouts, such as the cellular phone to carry, in a construction progress situation management reference system according to claim 21.

[Claim 23] The construction progress situation management reference system which can check coincidence with the site of the action schedule of a foreman or a lower job, and the position of the position supplement system by the cellular phone etc., and an inequality, and can carry out a bulletin to a construction contractor or a chief mourner in a construction progress situation management reference system according to claim 1 to 22.

[Claim 24] The construction progress situation management reference system by which the easy explanation about general basic knowledge, specification, a regulation, etc. has added to connection information to a chief mourner, such as the change

information about change of the basic information about the content of construction and the construction process from a construction contractor, the progress status information about a construction progress situation, a construction process, or the content of construction, and the connection information to a chief mourner, in the construction progress situation management reference system according to claim 1 to 23.

[Claim 25] The construction progress situation management reference system by which the reference function of each information which consists of a foreman, delay construction, a building, a chief mourner, a construction process, a claim, etc. is added in the construction progress situation management reference system according to claim 1 to 24.

[Claim 26] The construction progress situation management reference system by which the analysis feature of each information which consists of a construction progress situation, a construction delay situation, a change process, the cause of delay, the cause of change, a delay foreman, a delay contractor, etc. is added in the construction progress situation management reference system according to claim 1 to 25.

[Claim 27] The construction progress situation management reference system which consists of a construction contractor, a chief mourner, etc. accumulating each information of all instead of, and providing for a construction contractor and a chief mourner possible [reference] at any time in a construction progress situation management reference system according to claim 1 to 26.

[Claim 28] The construction progress situation management reference system whose reference was uniformly enabled period at any time after the construction end in the construction progress situation management reference system according to claim 1 to 27.

[Claim 29] The construction progress situation management reference system which emitted the warning which becomes cellular phones of a chief mourner, a construction contractor, a foreman, or a lower job, such as a personal computer, etc. from a character, voice, vibration, luminescence, etc. in the construction progress situation management reference system according to claim 1 to 28 when information was emergency connection information or at any time.

DETAILED DESCRIPTION

[Detailed Description of the Invention]

[0001]

[The technical field to which invention belongs] this invention relates to construction progress situation management reference systems, such as a residence and a structure.

[0002]

[Description of the Prior Art] It is difficult not to ask new building, extension and alteration, and repair work, but to perform construction of a residence, a structure, etc. in a situation of being separately different, to decompose and restore simply after construction, and to investigate a construction process conventionally, in many cases. Even if it might set production control of construction, such as such construction, in part and might manage using the computer, it was related with the construction contractor to the last, it was a chisel, and even if it was few and having been provided, offering information to a chief mourner (user) could not understand a special term to a chief mourner, but it had a thing difficulty and inadequate in content plentifully.

[0003] Moreover, a chief mourner is unable to look at all routings like a foreman as a matter of fact, and even if it may attend at an important specific process and may see it among processes, the present condition is hardly being able to attend at each work.

[0004] moreover, even if it does not restrict advancing as the work schedule of the beginning [situation / work progress], but is alike occasionally, carry out, change has many bird clappers, a chief mourner wishes presence according to the original schedule, it adjusts a vacation schedule and a bird clapper becomes change at a **** and change just before, when change connection does not necessarily go to a chief mourner from a construction contractor, it is

[0005] Therefore, about construction, a chief mourner has problems, such as complicatedness of connection to a construction contractor, even if it cannot but trust a construction contractor, it cannot but leave and a chief mourner finds a fault point.

[0006] moreover — for a construction contractor — management of a construction process — viewing and judgment of a foreman — not depending — the field which does not obtain, and the direct check of the state of construction cannot be carried out, and does not obtain a dependence on foreman fake colander is large

[0007] Moreover, it is not easy for a construction contractor to record this on a picture etc., to store it in a computer with an inspection result etc., and to enable perusal of it at any time just because the technical problem of being unable to perform a check and check unless it destroys a part occurs, once the structure main part

which occupies a portion with structures important like the above-mentioned, such as a residence, is completed.

[0008]

[Means for Solving the Problem] Then, this invention is set by the computer environment connected [Internet] by network. The basic information about the content of construction and construction process including a foreman etc. from a construction contractor, The change information about change of the progress status information about a construction progress situation, a construction process, or the content of construction, While accumulating the connection information which consists of an informative matter to a chief mourner etc. under time management and providing for a construction contractor and a chief mourner at any time Information is accumulated under time management at any time [which consists of a request of a chief mourner, a claim, consent, an informative matter, etc.], and the construction progress situation management reference system which consists of providing for a construction contractor and a chief mourner at any time is offered.

[0009] He is urged according to this invention, to provide a construction contractor with this system and to input the basic information about the contents of construction, and a construction process, and the inputted basic information is accumulated. subsequently When a construction contractor's construction progress situation is urged that between time is inputted later on and there are change information about change of a construction process or the contents of construction, connection information to a chief mourner, etc. Since it provides for a construction contractor and a chief mourner at any time while an input is urged also to this and it accumulates all these information under time management A construction contractor to a self computer A construction schedule, construction status information, If this system is accessed, even if it can perform the perusal and accumulation and a chief mourner will not go to see self construction schedule and progress situation of a construction process of a thing directly in a site, without accumulating all information, such as a request from a chief mourner When the aforementioned information which the construction contractor offered can be checked through the Internet etc., it is seen and a point in question and a fault point are discovered, at any time can be connected with and repair directions etc. can be given to a construction contractor.

[0010] Moreover, this invention is set to a construction progress situation management reference system according to claim 1. It is related with the construction of a condominium etc. which can be exhibited. The basic information from a construction contractor, progress status information, While providing so that the 3rd

person may read change information, connection information, etc. and can do them Case [like / after sales contract negotiation], the construction progress situation management reference system with which only those who were specified by the identification information which becomes at any time from an identification number, a password, a voiceprint, code software, etc. were provided possible / read-out / is offered.

[0011] By providing so that the 3rd person may read basic information, progress status information, change information, connection information, etc. from a construction contractor and can do them through the Internet etc. about the construction of a condominium etc. which can be exhibited according to this invention While being able to exhibit a reliable residence, being able to measure sales promotion and being able to make a sales contract in comfort when the 3rd person knows the content of construction which cannot be seen in the usual ready-built house Since only those who were specified as at any time by identification information after sales contract negotiation are provided with information possible [read-out], the privacy and extra sensitive information which a purchaser needs will be maintained.

[0012] Moreover, while this invention provides a construction contractor with the standard schedule for basic information creation in a claim 1 or a construction progress situation management reference system given in either of 2, it provides the construction progress situation management reference system which comes to include the changed information which consists of contrast before and behind change of a standard schedule when a construction contractor adds change to a standard schedule, and the reason for change and change etc. in basic information.

[0013] According to this invention system, while being able to create the construction schedule of self etc. easily based on the standard schedule for basic information creation offered from the system, when a construction contractor adds change to a standard schedule or the content of construction, a construction contractor can also understand well the feature of this construction till the future also to a chief mourner for a construction contractor by including the reason and situation changed [contrast / before and behind change] in basic information.

[0014] Moreover, this invention offers the construction progress situation management reference system which consists of the profile including the picture of a construction contractor, a foreman, the lower job for every process, a cooperation company, etc. being contained in basic information in a construction progress situation management reference system according to claim 1 to 3.

[0015] If this invention is caused, a chief mourner etc. can know a profile including the

picture of a construction contractor, a foreman, the lower job for every process, a cooperation company, etc. from basic information, and transfer of reliability and an intention can be measured smoothly.

[0016] Moreover, the construction progress situation management reference system by which the input of the progress status information to which this invention follows a construction schedule in a construction progress situation management reference system according to claim 1 to 4 was made to be performed with the check of the construction item of the construction schedule of the day is offered.

[0017] if a progress situation is as a construction schedule according to this invention -- the input of progress status information -- the check of the construction item of the construction schedule of the day -- easy -- it can carry out -- progress situation inputs, such as a foreman, -- quickness -- it can simplify and promotion of an input can be measured

[0018] Moreover, in a construction progress situation management reference system according to claim 1 to 5, in a foreman, this invention provides the construction progress situation management reference system which emitted warning from this system to a foreman's construction contractors, such as a cellular phone, on schedule, when going out or business shall be started and processing is not performed, after transmitting and receiving the work program of a construction progress situation and that day through a personal computer etc. every day.

[0019] Since according to this invention going out or business is started after a foreman transmits and receives the work program of a construction progress situation and that day through a personal computer etc. every day It not only can check a schedule every morning, but the input check of a progress situation the previous day is made by the foreman. a construction contractor and a chief mourner The work program of a construction progress situation and that day can be grasped certainly, and when processing is not performed, he can be urged on schedule to input a construction progress situation certainly by emitting warning to a foreman's construction contractors, such as a cellular phone.

[0020] Moreover, this invention provides progress status information with the construction progress situation management reference system which consists of the inspection result which has the image data which consists of a still picture or an animation for every inspection item for process each **** of every etc. being contained in a construction progress situation management reference system according to claim 1 to 6.

[0021] While being clearly checked by the image data which the end of a construction

process becomes from a still picture or an animation from the inspection result of the inspection item for every process contained in progress status information according to this invention, the data of the inspection result of the inspection item for every process will conduct easy investigation of the portion which makes easy judgment business of the right and wrong of construction to a construction contractor's manager etc., and cannot be inspected after a completion at the time of prospective fault and trouble generating, and are useful to a problem solving.

[0022] Moreover, this invention offers the construction progress situation management reference system which consists of various process completion information that the progress status information which tells completion of each process contained the image data which can accept at least two or more persons' identity, a foreman, a lower job, etc., in a construction progress situation management reference system according to claim 1 to 7.

[0023] According to this invention, the certainty of the completion information on each process is securable using the various process completion information containing the image data which can accept at least two or more persons' identity, a foreman, a lower job, etc.

[0024] Moreover, in a construction progress situation management reference system according to claim 1 to 8, this invention offers the construction progress situation management reference system which issued the payment directions to the lower job of the process, after checking completion of each process of progress status information.

[0025] According to this invention, completion promotion of a process and payment after process completion can be ensured by relating the payment directions to the lower job of the process with the check of completion of each process in progress status information.

[0026] Moreover, in a construction progress situation management reference system according to claim 1 to 9, this invention will provide it with the construction progress situation management reference system which prevents from having issued construction directions of the following process, if a last process is not completed to progress status information when a last process is an indispensable process.

[0027] Negligent construction etc. can be prevented, while being able to complete an indispensable process certainly according to this invention, since it prevents from having issued construction directions of the following process, if a front indispensable process is not completed.

[0028] Moreover, this invention offers the construction progress situation

management reference system which made possible read-out of the information sent to cellular phones of a construction contractor or a chief mourner, such as a personal computer, etc. with image data or voice etc. which consists of a photograph or an animation in a construction progress situation management reference system according to claim 1 to 10.

[0029] According to this invention, information can be clearly transmitted by having made possible read-out of the information sent to cellular phones of a construction contractor or a chief mourner, such as a personal computer, etc. with image data or voice etc. which consists of a photograph or an animation.

[0030] Moreover, this invention offers the construction progress situation management reference system which comes to prepare a perusal check means to check that the construction contractor or the chief mourner has recognized each information in each information in a construction progress situation management reference system according to claim 1 to 11.

[0031] According to this invention, it can check whether the other party has perused the information with which the construction contractor or the chief mourner provided the partner by inputting by the perusal check means, and can be coped with, this invention system can be used effectively, and construction can be promoted smoothly.

[0032] Moreover, in a construction progress situation management reference system according to claim 1 to 12, this invention provides the construction progress situation management reference system which emits the warning which consists of voice, vibration, luminescence, etc. to cellular phones of a construction contractor, a foreman, a lower job, or a chief mourner, such as a personal computer, etc., and urged the input to them, when information has input delay progress status information, connection information, or at any time.

[0033] According to this invention, the warning which becomes cellular phones of a construction contractor, a foreman, a lower job, or a chief mourner, such as a personal computer, etc. from voice, vibration, luminescence, etc. can be emitted, informational input delay can be told progress status information, connection information, or at any time, and an input can be promoted. In addition, of course, emitting warning according to a situation can emit warning about information only in case of emergency at any time.

[0034] Moreover, this invention offers the construction progress situation management reference system it enabled it to send to cellular phones, such as a personal computer which has the network function which a chief mourner specifies by absent connection of a chief mourner, etc. in a construction progress situation

management reference system according to claim 1 to 13.

[0035] According to this invention, a chief mourner can cope with it while receiving the progress status information of construction at a destination at the time of an absence.

[0036] Moreover, in a construction progress situation management reference system according to claim 1 to 14, when the delay from a construction schedule is in progress status information, this invention emits warning to a construction contractor, and offers the construction progress situation management reference system to which the input of the cure was urged.

[0037] According to this invention, when the delay from a construction schedule is in progress status information, warning can be emitted to a construction contractor and the input of the cure can be demanded from him.

[0038] Moreover, in a construction progress situation management reference system according to claim 1 to 15, the input of the change information which consists of comparison of the schedule before and behind the construction schedule after change, the reason for change, and change etc. when progress status information has change of a construction schedule is urged to this invention, and the construction progress situation management reference system which consists of notifying a chief mourner is provided.

[0039] According to this invention, a chief mourner etc. can be clearly told about the change information which consists of comparison of the schedule before and behind the construction schedule after change of a construction schedule, and change, the reason for change, and change etc.

[0040] Moreover, this invention provides the construction progress situation management reference system which consists of the applicable process of a construction schedule table being specified, attending at it, being able to perform the input of the time of choice, notifying a construction contractor, a foreman, etc., adjusting both time, attending at it, and determining a schedule when a chief mourner wants to attend at construction in a construction progress situation management reference system according to claim 1 to 16.

[0041] According to this invention, when a chief mourner wants to attend at construction, the input of the time of choice can be performed and a construction contractor, a foreman, etc. can be notified, and both time can be adjusted, it can attend [the applicable process of a construction schedule table can be specified and it can attend at it, and] at it, and a schedule can be determined.

[0042] Moreover, this invention offers the construction progress situation

management reference system containing the image which progress status information becomes from the still picture or animation of a construction situation of real time in a construction progress situation management reference system according to claim 1 to 17. [of a site]

[0043] According to this invention, even if managers, such as a chief mourner or a construction contractor, cannot attend at a site, they can supervise with the image which consists of the still picture or animation by which a construction progress situation is sent to real time from a site.

[0044] Moreover, in a construction progress situation management reference system according to claim 18, this invention offers the construction progress situation management reference system which consists of transmitting warning to cellular phones of a construction contractor or a foreman, such as a personal computer, etc., when a chief mourner or a system discovers a fault point and a point in question to construction.

[0045] According to this invention, when a chief mourner or a system discovers a fault point and a point in question to construction, warning can be transmitted to cellular phones of a construction contractor or a foreman, such as a personal computer, etc.

[0046] Moreover, this invention offers the construction progress situation management reference system which enabled it to perform schedule-pipe ** of the repair plan based on the claim of a chief mourner or a system in a construction progress situation management reference system according to claim 1 to 19.

[0047] According to this invention, schedule-pipe ** of the repair plan based on the claim of a chief mourner or a system can be performed.

[0048] Moreover, this invention offers the construction progress situation management reference system by which connection information includes the position supplement information on a foreman or a lower job in a construction progress situation management reference system according to claim 1 to 20.

[0049] According to this invention, when the connection information from a foreman or a lower job includes the position supplement information on a foreman or a lower job, the information can check that it is a thing from a site rightly.

[0050] Moreover, this invention offers the construction progress situation management reference system which can perform the position supplement information on a foreman or a lower job by the whereabouts, such as a cellular phone which has the position supplement function to carry, in a construction progress situation management reference system according to claim 21.

[0051] According to this invention, the whereabouts, such as the cellular phone to

carry, can perform automatically the position supplement information on a foreman or a lower job.

[0052] Moreover, in a construction progress situation management reference system according to claim 1 to 22, this invention checks coincidence with the site of the action schedule of a foreman or a lower job, and the position of the position supplement system by the cellular phone etc., and an inequality, and offers the construction progress situation management reference system which can carry out a bulletin to a construction contractor or a chief mourner.

[0053] According to this invention, a construction contractor or a chief mourner can check coincidence with the site of the action schedule of a foreman or a lower job, and the position of the position supplement system by the cellular phone etc., and an inequality, and can perform the action management easily.

[0054] Moreover, this invention is set to a construction progress situation management reference system according to claim 1 to 23. The basic information about the content of construction and construction process from a construction contractor, the progress status information about a construction progress situation, The construction progress situation management reference system by which the easy explanation about general basic knowledge, specification, a regulation, etc. is added to connection information to a chief mourner, such as change information about change of a construction process or the content of construction and connection information to a chief mourner, is offered.

[0055] According to this invention, when a chief mourner understands neither a general process and a general technical term, nor industry language about a construction contractor's information, detailed explanation can be perused by specifying the language by click etc. or searching etc.

[0056] Moreover, this invention offers the construction progress situation management reference system by which the reference function of each information which consists of a foreman, delay construction, a building, a chief mourner, a construction process, a claim, etc. is added in a construction progress situation management reference system according to claim 1 to 24.

[0057] According to this invention, since each information can be searched by each process, a primary member, etc. which were recorded on the system later, a processing-method method, failure and the term of a guarantee, an after-sale service window, etc. can be known from a member, the contractor name for every process, or a product manufacture maker.

[0058] Moreover, this invention provides the construction progress situation

management reference system by which the analysis feature of each information which consists of a construction progress situation, a construction delay situation, a change process, the cause of delay, the cause of change, a delay foreman, a delay contractor, etc. is added in a construction progress situation management reference system according to claim 1 to 25.

[0059] According to this invention, the feature of the progress situation of construction can be grasped by the analysis feature.

[0060] Moreover, this invention offers the construction progress situation management reference system which consists of a construction contractor, a chief mourner, etc. accumulating each information of all instead of, and providing for a construction contractor and a chief mourner possible [reference] at any time in a construction progress situation management reference system according to claim 1 to 26.

[0061] According to this invention, a construction contractor and a chief mourner can lose need of accumulating construction related information to a self computer, can connect with this system at any time, and can know all information.

[0062] Moreover, this invention offers the construction progress situation management reference system whose reference was uniformly enabled period at any time after the construction end in a construction progress situation management reference system according to claim 1 to 27.

[0063] According to this invention, it can connect the between within the term of a guarantee or during an information offer contract term, and with this system after the completion of construction, and a construction situation can be investigated.

[0064] Moreover, in a construction progress situation management reference system according to claim 1 to 28, this invention offers the construction progress situation management reference system which emitted the warning which becomes cellular phones of a chief mourner, a construction contractor, a foreman, or a lower job, such as a personal computer, etc. from a character, voice, vibration, luminescence, etc., when information is emergency connection information or at any time.

[0065] According to this invention, in case of emergency, informational immediate perusal can be urged by emitting an alarm at any time to cellular phones of a chief mourner, a construction contractor, a foreman, or a lower job, such as a personal computer, etc.

[0066]

[Embodiments of the Invention] The gestalt of operation of this invention is explained based on the example illustrated below.

[0067] Drawing 1 is computers, such as the homebuilders A, B, and C who are the construction contractors of housing construction, and a personal computer (a personal computer is called below.). It is the system configuration view, showing the composition of the information flow which leads networks, such as the Internet between the construction progress situation management reference systems of the system provider S concerning this invention, on the whole. Drawing 2 is the system configuration view, showing the composition of the information flow which leads the network between the cellular phones which can perform transmission and reception of data through the Internet of this invention construction progress situation management reference system and a chief mourner, such as a personal computer, etc. on the whole.

[0068] Only the construction contractor or chief mourner specified by the identification information which consists of a well-known identification number, a password, a voiceprint, code software, etc. conventionally can connect with this system in principle, and informational security is measured.

[0069] It is related with the construction of a condominium etc. which can be exhibited. However, the basic information from a construction contractor, While providing so that the 3rd person may read progress status information, change information, connection information, etc. and can do them While being able to provide only for those who were specified as at any time by identification information possible [read-out], being able to exhibit a reliable residence and being able to measure sales promotion case [like / after sales contract negotiation] Since it is provided only for those who were specified by identification information possible [read-out] after sales contract negotiation while enabling it to make a sales contract in comfort by providing the 3rd person with the content of construction which cannot be seen in the usual ready-built house, secrecy will be maintained.

[0070] In addition, by making it link to the homepage of the selling thing of a condominium company, a prospective customer can check the process of construction and, for a certain reason, an image can also give sense of reliability to construction. If sale is decided, in response to contract information, a link can be removed automatically, and it can access henceforth only at a buyer and a construction contractor.

[0071] First, Step 1 of drawing 1 is a procedure which registers into the computer of this invention system like a publication the basic information of the homebuilder who is a construction contractor by the Internet through a construction contractor's personal computer etc. at drawing 3 . If it is a company, the information of a company

name, an address, a branch, a contact, a connection person in charge, the foreman in charge, a lower job, a cooperation company, etc. If it is the person of the outline of a company, a management situation, an order—received actual result, the photograph of a company, a foreman, etc. According to the model case for which this invention system prepared a photograph, experience with an animation and qualification, self-introduction, etc., order is inputted for from big alternative to the alternative of details later on, and information is finely registered as it peruses, and he is left in comfort by the chief mourner, like strokes and cuts.

[0072] Although this content of registration is created for every chief mourner or construction in principle, once it inputs the matter which a construction contractor should register except for a different portion for every chief mourner or construction, about a common matter, it will be provided for a construction contractor in the state of having existing registered with this invention system, and a construction contractor should input only a change matter.

[0073] Like a publication, Step 2 of drawing 2 is provided with this basic information so that it can read at any time through the Internet through this invention system in a chief mourner's personal computer etc.

[0074] Next, Step 3 of drawing 4 is the stage where a construction contractor registers into this invention system the construction schedule which is basic information. For example, if groundbreaking information, such as engineering drawing and the date of commencement of work, is reported to drawing 4 through the Internet in A Mr. ***** like a publication at this invention system From this invention system, a standard model schedule is sent to a construction contractor with explanation of the model case of each process. Correct the point that a construction contractor differs from a model case according to this model, and it completes a construction schedule. Moreover, when a problem is in the construction schedule which the construction contractor created, supplement correction is urged, and record accumulation of the construction schedule decided between the construction contractor and this system is carried out at this invention system.

[0075] A chief mourner is provided with explanation of each [finishing / it is connected possible / at any time / read-out / to the cellular phone with which this construction schedule has a chief mourner's personal computer etc. and personal computer functions immediately through / like / a publication] the Internet as a notice of an operation sheet to Step 4 of drawing 2 , and / an input to this invention system / like a publication to Step 5 simultaneously / process by a still picture, an animation, voice, etc. including comparison of an old and new process etc.

[0076] Although it was transmitted to a construction contractor's personal computer etc. possible [read-out] at any time through this invention system as information at any time and a chief mourner's request and hope, and question matter omitted drawing like Step 6 of drawing 1 at this time If a reply of a construction contractor is connected to a chief mourner's personal computer etc. through this invention system and there is creation change of a construction process etc. While being transmitted to this invention system and recorded on Step 7 of drawing 1 like a publication as change information about change of a construction process or the content of construction, it is transmitted to a chief mourner's personal computer etc. like Steps 4, 5, and 8 of drawing 2 also including explanation of the content of change.

[0077] If construction is started, while registration of a progress situation will be made by Step 9 of drawing 1 from a construction contractor and being recorded on it by this invention system like a publication, it is provided for a chief mourner like Steps 10 and 11 of drawing 2 .

[0078] In construction, the foreman and the lower job for every process other than a construction contractor will be included in a construction contractor.

[0079] It is also possible for the input of the progress status information in alignment with the construction schedule to be made to be performed with the check of the construction item of the construction schedule of the day, when there is neither delay nor change, although it is a principle that the input of progress status information is performed every day.

[0080] Moreover, as a simple input means, when there is neither delay nor change in a construction schedule, nothing is inputted, but when the inspection result for every process has fault, an obstacle, and delay, you may adopt the method of accepting it about the point and inputting progress status information.

[0081] After a foreman does these system transmission and reception of the work program of a construction progress situation and that day through a personal computer etc. as a desirable operation gestalt every day, when going out or business shall be started and this processing is not performed, the system to which it urges emitting warning from this system to a foreman's construction contractors, such as a cellular phone, on schedule, and inputting a construction progress situation is desirable.

[0082] Next, the inspection result for every inspection item for process each **** of every is contained in progress status information.

[0083] The image data which consists of the photograph by the digital camera and the digital camcorder, a still picture, or an animation is contained in the inspection result

of each process of progress status information.

[0084] In the case of the example of drawing 5 , the progress situation which one construction completes can be registered into as planned, and a construction contractor can read Mr. A's construction schedule into his own personal computer H etc. from this invention system, for example, the records of main construction processes including the completion state of a foundation can be registered including digital steel or record of a video camera.

[0085] In addition, digital steel or record of a video camera A foreman's cellular phone etc. is minded [12] like a publication. on real time It can send to this invention system through the Internet. like Step 11 of drawing 2 It can provide for a chief mourner on real time, and like Steps 13 and 14 of drawing 2 , it constitutes so that a chief mourner may check a construction process by the picture and can transmit the request of fault etc. to a construction contractor's foreman like Step 6 of drawing 1 through this invention system.

[0086] A situation in the meantime minds this invention system S for "those with basic cracking" by Step 14 of **, as a result of checking like Step 13 with a chief mourner's personal computer etc. like a publication. A construction contractor's personal computer etc. is connected with through Step 6. ** Like Step 16 Like Step 9 of **, "crack check" and "repair work" can be performed including a picture, it sends to this invention system as progress status information, and like Step 17 of **, it can send to a chief mourner's personal computer etc., and construction construction can be supervised on real time.

[0087] Moreover, the construction transfer system of this real time can provide a chief mourner's personal computer etc. with the image and voice from a site, when a chief mourner cannot attend a framework raising ceremony day.

[0088] In addition, it can check whether photography of a picture is the thing concerned also by the whereabouts, such as a cellular phone which a foreman can whereabouts check.

[0089] Especially the progress status information that tells completion of each process To drawing 7 , like a publication At least two or more persons' digital cameras (a foreman, a lower job, etc.), If it transmits to real time by the Internet through a cellular phone etc. like Steps 28 and 29 at a system, the separate process completion information containing the image data which consists of the still picture or animation by the digital camcorder etc. If this system checks both identity, for example, an error is in the information on a lower job like Step 26 Like Step 27, it warns the cellular phone etc., an information input for the second time is urged, completion of the

process is decided from the check of both identity, and it transmits to a homebuilder's personal computer H and a chief mourner's personal computer U which are a construction contractor like Steps 30 and 31.

[0090] Moreover, at this time, this system can check completion of each process of progress status information, and can take out costs payment directions to a homebuilder's personal computer H to a lower job, and payment by the lower job can be urged to it.

[0091] Moreover, similarly, if a last process is not completed, it prevents from issuing construction directions of the following process, and management of an indispensable construction process can be ensured at the progress status information from this system to a construction contractor.

[0092] If reference of the progress situation by the chief mourner after construction connects with this invention system, it calls an operation sheet and the process for which it should refer is specified like a publication to be Step 18 of drawing 2 by click etc. from a progress situation reference step, in it, a progress situation including inspection between processes can check including record of information, such as a situation of fault connection or repair, delay, change, delay, and a reason for change, by the picture.

[0093] Moreover, this invention system consists of progress situation schedules so that the schedule and time of a framework raising ceremony day are connected to a chief mourner through the Internet like Step 19 of drawing 2 , and a construction contractor may be contacted similarly, it may attend for example, and a schedule can be constructed.

[0094] Moreover, when I want you to put connection into the cellular phone which replaces with the personal computer etc. and can perform transmission and reception of data through the Internet etc. at the time of the absence whose user who is a chief mourner is not in the usual personal computer installation like a publication to Step 20 of drawing 2 , it can make it possible to receive a progress situation etc. in this invention system by carrying out absence-transfer registration at a cellular phone etc.

[0095] When the progress situation from a construction contractor is not performed as a construction schedule, this invention system moreover, like a publication to Step 21 of drawing 1 A report of a construction situation is urged. Schedule change of the reason of late reporting, the reason for construction delay, the schedule after adjournment, etc., The repair plan by the reason for change, a start day, a picture report of the present condition, various inspection items, the inspection result, and the inspection result, It constitutes so that explanation of the check of a repair result,

the contact at the time of the completion of construction, and the following process etc. can be urged to an input at a construction contractor by construction process change registration of Step 7, and progress situation registration of Step 9.

[0096] Moreover, like a publication to Step 22 of drawing 1, this invention system is constituted from the whereabouts, such as a cellular phone of the foreman of a construction site, so that the whereabouts localization may always be made, and like Steps 23 and 24, to the inquiry of a construction contractor's homebuilder and a chief mourner, it is constituted so that transfer of the notice of the whereabouts or a request can be performed.

[0097] Moreover, this invention system is constituted so that perusal / use situation for every construction process can be checked and notified to Step 25 of drawing 1 to an inquiry of the user use situation check from a construction contractor like a publication while recording a chief mourner's this system perusal and use situation.

[0098] Moreover, this invention system can prepare the arrival-of-the-mail display function which becomes cellular phones of a construction contractor or a chief mourner, such as a personal computer, etc. from voice, vibration, luminescence, etc.

[0099] Moreover, this invention system can make possible read-out of the information sent to cellular phones of a construction contractor or a chief mourner, such as a personal computer, etc. by the character, voice, or the picture.

[0100] Moreover, during construction, of course, after the completion of construction, when information is emergency connection information or at any time, this invention system can emit the warning which becomes cellular phones of a chief mourner, a construction contractor, a foreman, or a lower job, such as a personal computer, etc. from voice, vibration, luminescence, etc., and can urge it to perusal of emergency intelligence.

[0101] Moreover, the reference function of each information which consists of a foreman, delay construction, a building, a chief mourner, a construction process, a claim, etc. is added to this invention system, and a lower official title, a product manufacture maker, a processing-method method, the failure and the term of a guarantee, an after-sale service window, etc. for every member or process can be known by searching each information by each process, main structural members, etc. which were recorded on the system later.

[0102] Moreover, the analysis feature of each information which consists of a construction progress situation, a construction delay situation, a change process, the cause of delay, the cause of change, a delay foreman, a delay contractor, etc. is added to this invention system, and inclination and feature of a construction delay situation,

the cause of delay, a delay contractor, etc. can be grasped.

[0103] Moreover, this invention system accumulates each information of all instead of, it is open throughout the year to a construction contractor and a chief mourner, they provide them with it possible [reference] at any time for 24 hours, and a construction contractor and a chief mourner can lose need of accumulating construction related information to a self computer, can connect with this system at any time, and can know all information. [of a construction contractor and a chief mourner]

[0104] Moreover, when a periodic check is carried out by inspection from after a construction end (for example, a building turnover) in the middle of ten years and a period extends, like 20 years, reference of this invention system can be enabled period at any time uniformly, and it can be constituted during an information offer contract term in between within the term of a guarantee so that it may connect with this system and a construction situation can be investigated.

[0105]

[Effect of the Invention] According to the construction progress situation management reference system applied to this invention as above In computer environment connected by network, such as the Internet The basic information about the content of construction and construction process including a foreman etc. from a construction contractor, The change information about change of the progress status information about a construction progress situation, a construction process, or the content of construction, While accumulating the connection information which consists of an informative matter to a chief mourner etc. under time management and providing for a construction contractor and a chief mourner at any time By accumulating information under time management at any time [which consists of a request of a chief mourner, a claim, consent, an informative matter, etc.], and providing for a construction contractor and a chief mourner at any time He is urged to provide a construction contractor with this system and to input the basic information about the content of construction, and a construction process, and the inputted basic information is accumulated. subsequently When a construction contractor's construction progress situation is urged that between time is inputted later on and there are change information about change of a construction process or the content of construction, connection information to a chief mourner, etc., an input is urged also to this. Since it provides for a construction contractor and a chief mourner at any time while accumulating all these information under time management A construction contractor to a self computer A construction schedule, construction status information, If this system is accessed, even if it can perform the perusal and

accumulation and a chief mourner will not go to see self construction schedule and progress situation of a construction process of a thing directly in a site, without accumulating all information, such as a request from a chief mourner The aforementioned information which the construction contractor offered can be checked through the Internet etc. When it is seen and a point in question and a fault point are discovered, while there is an effect which can contact a construction contractor at any time, can perform repair directions etc., can measure communication of the both sides of a construction contractor and a chief mourner, and can perform brew of a mutual confidential relation While creation of a construction schedule and management can be performed easily, a construction contractor can measure mitigation of the maintenance cost of construction data and it is useful to improvement in after-sale service, and solution of dispute, to a chief mourner Since a contractor and profiles, such as a foreman, are known, it can feel easy, and the progress information on construction can check anywhere when. Even if it cannot attend at a site, the check of a construction situation can be performed, by saving construction data, it is safe, correspondence is easy for the fault to be generated in the future, and there are effects, such as leading to improvement in worth of a residence.

[0106] Moreover, this invention is set to a construction progress situation management reference system according to claim 1. It is related with the construction of a condominium etc. which can be exhibited. The basic information from a construction contractor, progress status information, While providing so that the 3rd person may read change information, connection information, etc. and can do them By having the composition with which only those who were specified by the identification information which becomes at any time from an identification number, a password, a voiceprint, code software, etc. case [like / after sales contract negotiation] were provided possible / read-out While it is effective in the ability to exhibit a reliable residence and measure sales promotion While the 3rd person can make a sales contract with the usual ready-built house in comfort by knowing the content of construction which cannot be seen Since only those who were specified as at any time by identification information are provided with information possible [read-out] after sales contract negotiation, the privacy and extra sensitive information which a purchaser needs have effects, such as being maintained.

[0107] Moreover, in a claim 1 or a construction progress situation management reference system given in either of 2, while this invention provides a construction contractor with the standard schedule for basic information creation By having the

composition which comes to include the changed information which consists of contrast before and behind change of a standard schedule when a construction contractor adds change to a standard schedule, and the reason for change and change etc. in basic information While being able to create the construction schedule of self etc. easily based on the standard schedule offered from the system, a construction contractor When a construction contractor adds change to a standard schedule or the content of construction, a construction contractor also has the effect which the feature of this construction till the future also to a chief mourner can understand well by including the reason and situation changed [contrast / before and behind change] in basic information.

[0108] Moreover, this invention is set to a construction progress situation management reference system according to claim 1 to 3. Since the profile which included the picture of a construction contractor, a foreman, the lower job for every process, a cooperation company, etc. in basic information is contained, according to this invention A chief mourner etc. knows a profile including the picture of a construction contractor, a foreman, the lower job for every process, a cooperation company, etc. from basic information, and there are reliability and an effect that transfer of an intention can be measured smoothly.

[0109] Moreover, this invention is set to a construction progress situation management reference system according to claim 1 to 4. By composition to which the input of the progress status information according to a construction schedule was made to be carried out with the check of the construction item of the construction schedule of the day If a progress situation is as a construction schedule, it can carry out easily with the check of the construction item of the construction schedule of the day, and about progress situation inputs, such as a foreman, it simplifies and there are quickness and an effect that promotion of an input can be measured.

[0110] Moreover, this invention is set to a construction progress situation management reference system according to claim 5. After a foreman transmits and receives the work program of a construction progress situation and that day through a personal computer etc. every day, going out or business shall be started. By composition which emitted warning from this system to a foreman's construction contractors, such as a cellular phone, on schedule when processing was not performed It not only can check a schedule every morning, but the input check of a progress situation the previous day is made by the foreman. a construction contractor and a chief mourner The work program of a construction progress situation and that day can be grasped certainly, and when processing is not performed, there is an effect

which can be urged on schedule that a construction progress situation is certainly inputted by emitting warning to a foreman's construction contractors, such as a cellular phone.

[0111] Moreover, this invention is set to a construction progress situation management reference system according to claim 1 to 6. Since the inspection result which has the image data which consists of a still picture or an animation for every inspection item for process each **** of every etc. is contained in progress status information, while being clearly checked by the image data which the end of a construction process becomes from a still picture or an animation With the data of the inspection result of the inspection item for every process, investigation of the portion which makes easy judgment business of the right and wrong of construction to a construction contractor's manager etc., and cannot be inspected after a completion at the time of prospective fault and trouble generating is conducted easy, and there is an effect which is useful to a problem solving.

[0112] Moreover, this invention can secure the certainty of the completion information on each process in a construction progress situation management reference system according to claim 1 to 7 by having the composition which consists of various process completion information that the progress status information which tells completion of each process contained the image data which can accept at least two or more persons' identity, a foreman, a lower job, etc.

[0113] Moreover, in a construction progress situation management reference system according to claim 1 to 8, this invention has the effect which can ensure completion promotion of a process, and payment after process completion by having the composition which issued the payment directions to the lower job of the process, after checking completion of each process of progress status information.

[0114] Moreover, this invention has the effect that negligent construction etc. can be prevented by composition which prevents from having issued construction directions of the following process if a last process is not completed when a last process is an indispensable process while enabling it to complete an indispensable process certainly in progress status information in a construction progress situation management reference system according to claim 1 to 9.

[0115] Moreover, this invention is effective in the ability to transmit information clearly with the composition which made possible read-out of the information sent to cellular phones of a construction contractor or a chief mourner, such as a personal computer, etc. with image data or voice etc. which consists of a photograph or an animation in a construction progress situation management reference system

according to claim 1 to 10.

[0116] Moreover, this invention is set to a construction progress situation management reference system according to claim 1 to 11. By having the composition which comes to prepare a perusal check means to check that the construction contractor or the chief mourner has recognized each information in each information It can check whether the other party has perused the information with which the construction contractor or the chief mourner provided the partner, and can be coped with, this invention system is utilized effectively, and there is an effect which can promote construction smoothly.

[0117] Moreover, this invention is set to a construction progress situation management reference system according to claim 1 to 12. By having the composition to which the warning which consists of voice, vibration, luminescence, etc. is emitted to cellular phones of a construction contractor, a foreman, a lower job, or a chief mourner, such as a personal computer, etc., and the input was urged to them, when information has input delay progress status information, connection information, or at any time A warning effective in a construction contractor, a foreman, a lower job, or a chief mourner is emitted, informational input delay is told progress status information, connection information, or at any time, and there is an effect which can promote an input.

[0118] Moreover, when this invention has the composition which enabled it to send to cellular phones, such as a personal computer which has the network function which a chief mourner specifies by absent connection of a chief mourner in a construction progress situation management reference system according to claim 1 to 13, etc., while a chief mourner receives the progress status information of construction at a destination at the time of an absence, it is effective in the ability to cope with it.

[0119] Moreover, in this invention, when the delay from a construction schedule is in progress status information in a construction progress situation management reference system according to claim 1 to 14, the effect to which progress of construction can be urged is by emitting warning to a construction contractor and having the composition to which the input of the cure was urged.

[0120] Moreover, this invention is set to a construction progress situation management reference system according to claim 1 to 15. By urging the input of the change information which consists of comparison of the schedule before and behind the construction schedule after change, the reason for change, and change etc., and having the composition which consists of notifying a chief mourner, when progress status information has change of a construction schedule It is effective in the ability

to tell a chief mourner etc. about the reason for change and the content of a construction schedule clearly.

[0121] Moreover, since it has the composition which becomes from the applicable process of a construction schedule table specifying, attending at it, being able to perform the input of the time of choice, notifying a construction contractor, a foreman, etc., adjusting both time, attending at it, and determining a schedule when a chief mourner wants to attend at construction in a construction progress situation management reference system according to claim 1 to 16, the effect that a construction presence schedule can set up easily is in this invention.

[0122] Moreover, in a construction progress situation management reference system according to claim 1 to 17, since this invention has the composition containing the image which progress status information becomes from the still picture or animation of a construction situation of real time, it is effective in the ability to check [a house or a destination] a construction situation by its eye by real time, even if it cannot attend at a site. [of a site]

[0123] Moreover, when a chief mourner or a system discovers a fault point and a point in question to construction, even if this invention is not in a site, it can transmit its opinion, and is effective in the ability to be able to cope with fault by having the composition which consists of transmitting warning to cellular phones of a construction contractor or a foreman, such as a personal computer, etc. in a construction progress situation management reference system according to claim 18.

[0124] Moreover, in a construction progress situation management reference system according to claim 1 to 19, since this invention has the composition which can perform schedule-pipe ** of the repair plan based on the claim of a chief mourner or a system, it is effective in the ability to respond to a repair plan promptly.

[0125] Moreover, in a construction progress situation management reference system according to claim 1 to 20, this invention can check that the connection information on a foreman or a lower job is what is sent from the site to be sure, when connection information includes the position supplement information on a foreman or a lower job.

[0126] Moreover, in a construction progress situation management reference system according to claim 21, since the whereabouts, such as the cellular phone to carry, can perform the position supplement information on a foreman or a lower job, this invention is [information] effective in the ability to grasp the position of a foreman or a lower job automatically.

[0127] Moreover, this invention can perform action management of a foreman or a lower job easily in a construction progress situation management reference system

according to claim 1 to 22 by checking coincidence with the site of the action schedule of a foreman or a lower job, and the position of the position supplement system by the cellular phone etc., and an inequality, and having the composition which can carry out a bulletin to a construction contractor or a chief mourner.

[0128] Moreover, this invention is set to a construction progress situation management reference system according to claim 1 to 23. The basic information about the content of construction and construction process from a construction contractor, the progress status information about a construction progress situation, By having added the easy explanation about general basic knowledge, specification, a regulation, etc. to connection information to a chief mourner, such as change information about change of a construction process or the content of construction, and connection information to a chief mourner It is effective in the ability to understand easily the basic knowledge included in construction progress status information, a technical term, a rule, etc.

[0129] Moreover, this invention is set to a construction progress situation management reference system according to claim 1 to 24. By composition to which the reference function of each information which consists of a foreman, delay construction, a building, a chief mourner, a construction process, a claim, etc. is added Since each information can be searched by each process, a primary member, etc. which were recorded on the system, it is effective in the ability to know easily a processing-method method, the check and the term of a guarantee of being failure, an after-sale service window, etc. from the contractor name and product manufacture maker for every member or process.

[0130] Moreover, the effect that the inclination appeared to the progress situation of construction, and the feature can grasp easily by analysis is in this invention by having added the analysis feature of each information become from a construction progress situation, a construction delay situation, a change process, the cause of delay, the cause of change, a delay foreman, a delay contractor, etc. in a construction progress situation management reference system according to claim 1 to 25.

[0131] Moreover, this invention is set to a construction progress situation management reference system according to claim 1 to 26. By having the composition which consists of a construction contractor, a chief mourner, etc. accumulating each information of all instead of, and providing for a construction contractor and a chief mourner possible [reference] at any time, a construction contractor and a chief mourner The need of accumulating construction related information to a self computer is lost, and it is effective in the ability to connect with this system at any

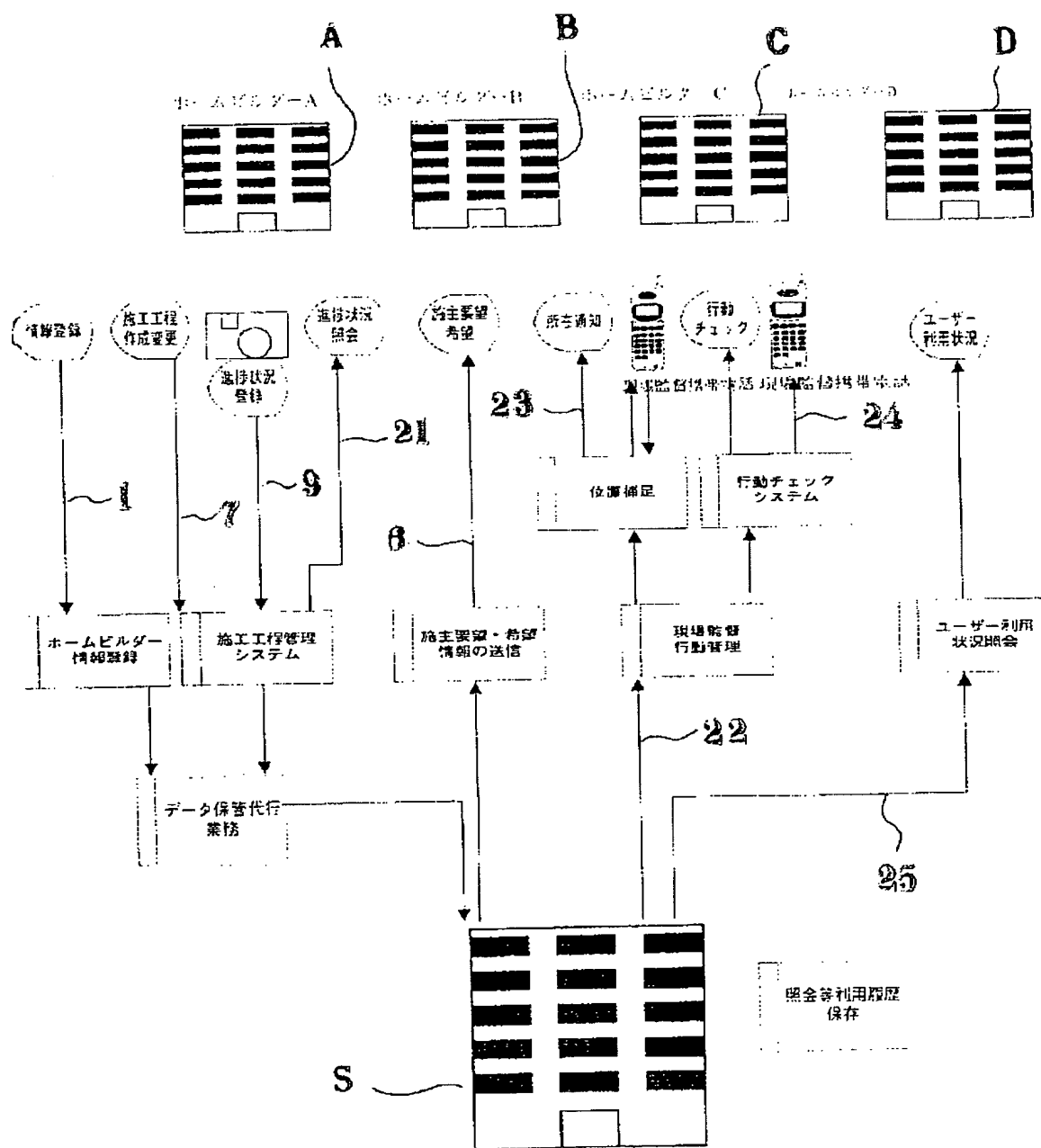
time, and know all information.

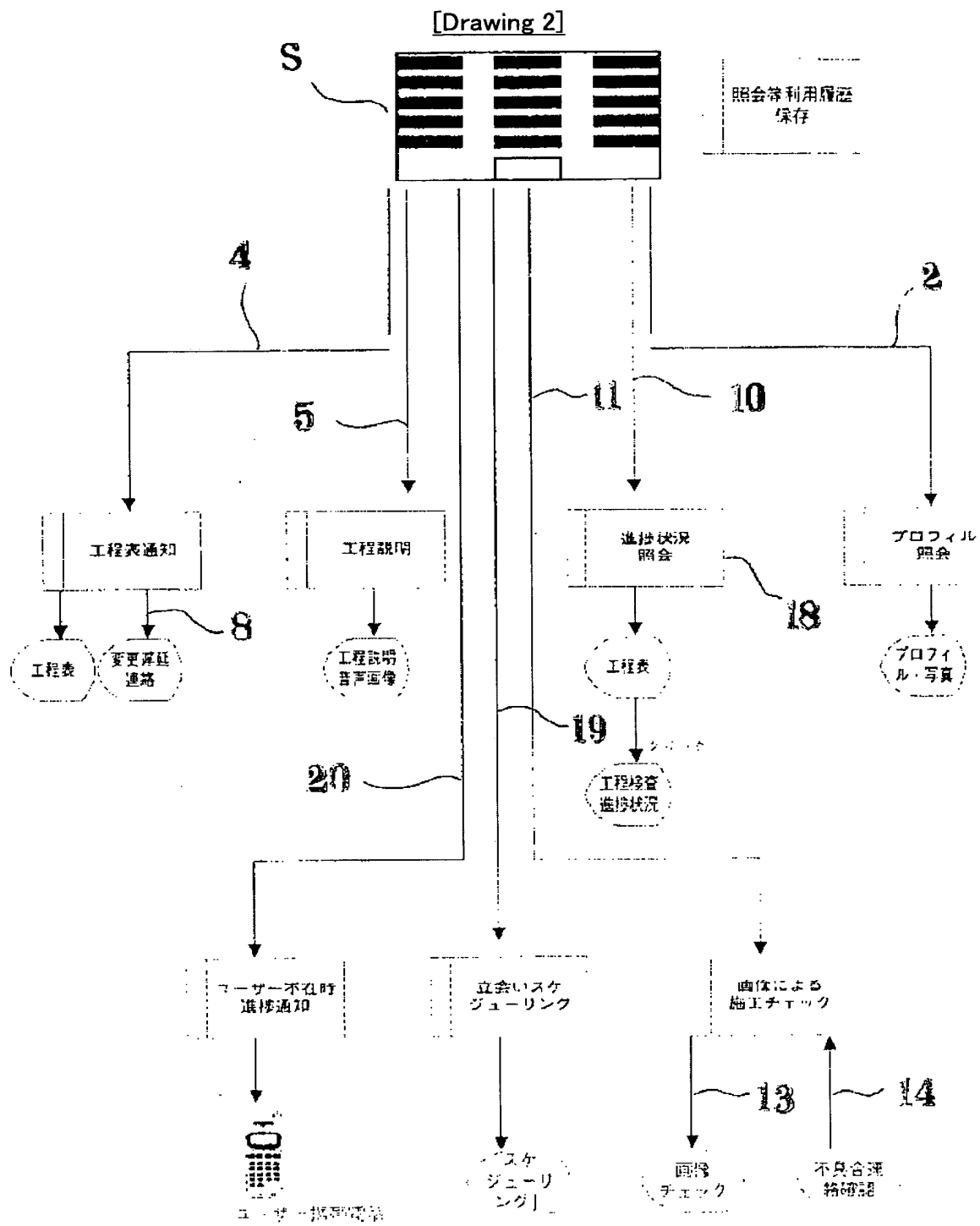
[0132] Moreover, the effect which can connect with this system and can conduct analysis investigation of the construction situation after the completion of construction at any time during an information offer contract term in between within the term of a guarantee is in this invention by having the composition whose reference was uniformly enabled period at any time after the construction end in a construction progress situation management reference system according to claim 1 to 27.

[0133] moreover, in a construction progress situation management reference system according to claim 1 to 28, when information is emergency connection information or at any time, this invention By having the composition which emitted the warning which becomes cellular phones of a chief mourner, a construction contractor, a foreman, or a lower job, such as a personal computer, etc. from a character, voice, vibration, luminescence, etc. In case of emergency, there is an effect that informational immediate perusal can be urged to cellular phones of a chief mourner, a construction contractor, a foreman, or a lower job, such as a personal computer, etc.

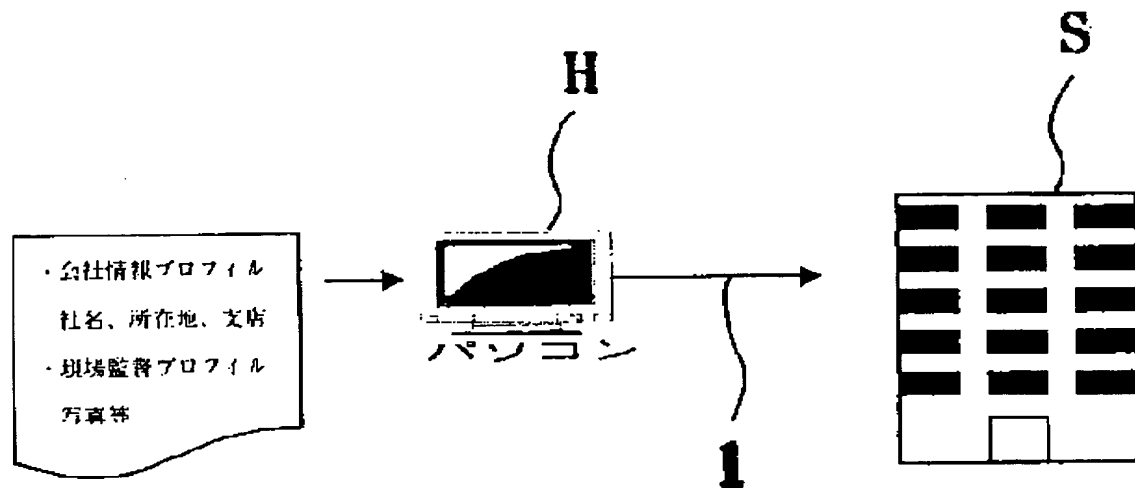
DRAWINGS

[Drawing 1]

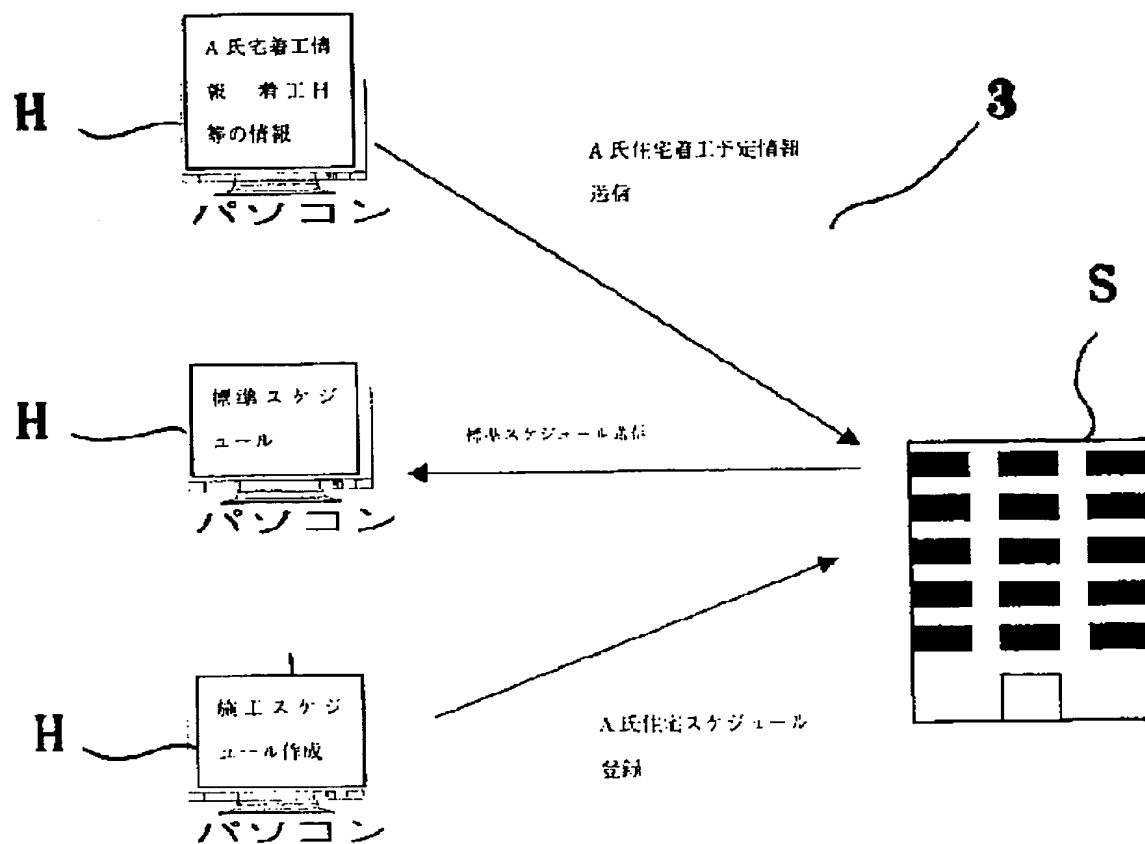




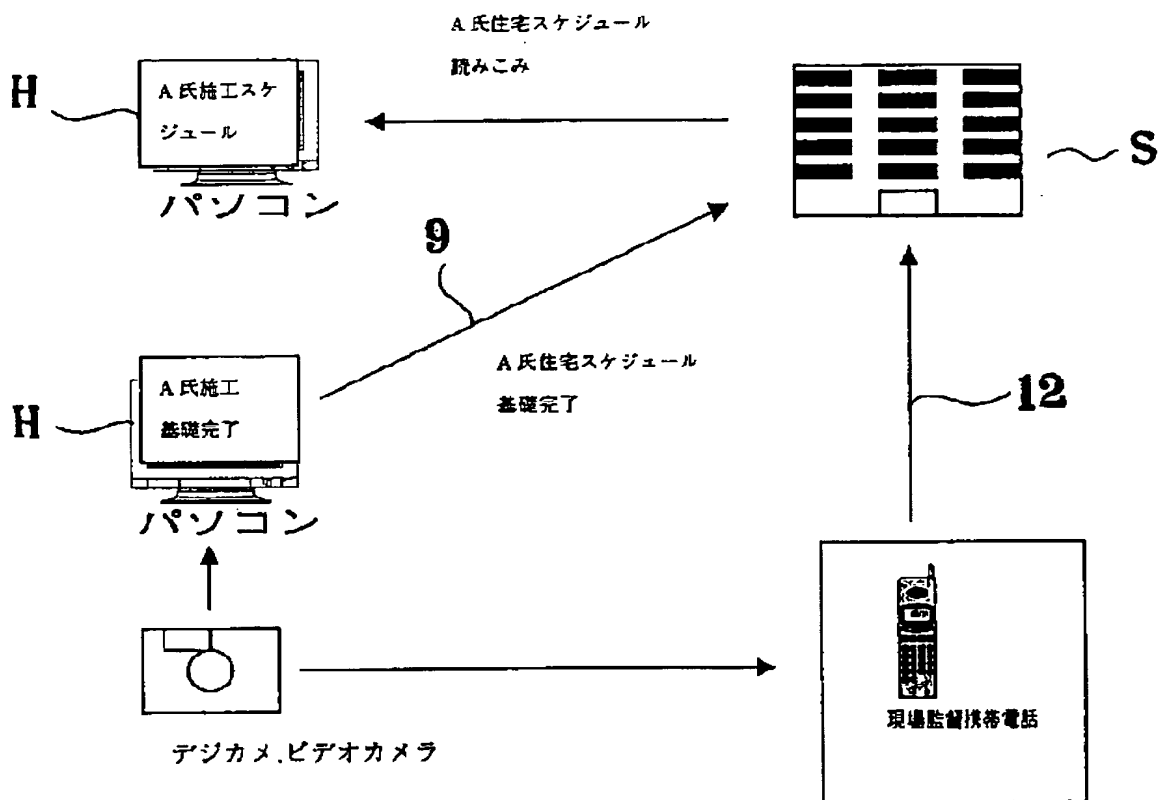
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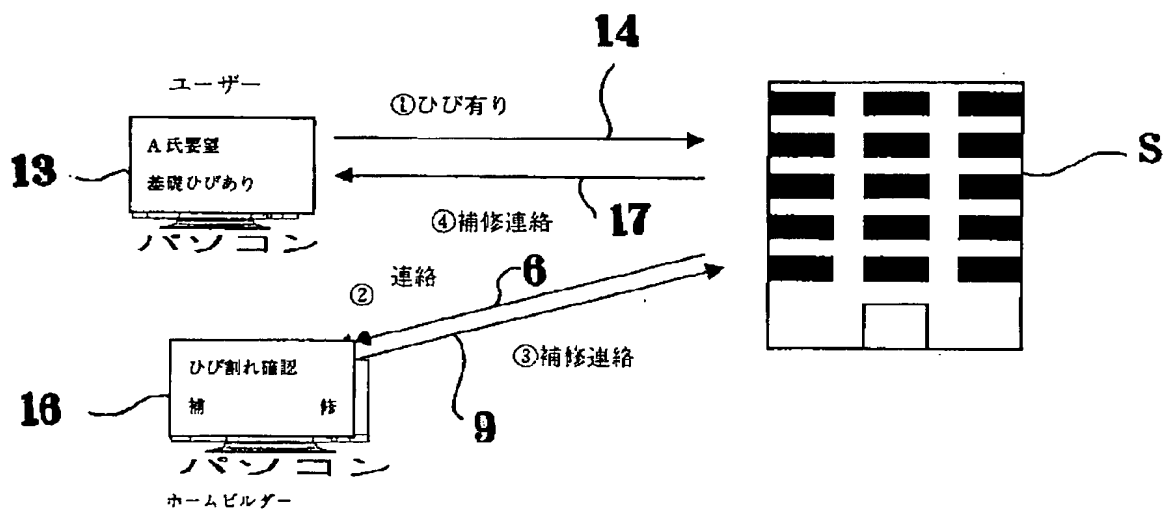
[Drawing 4]

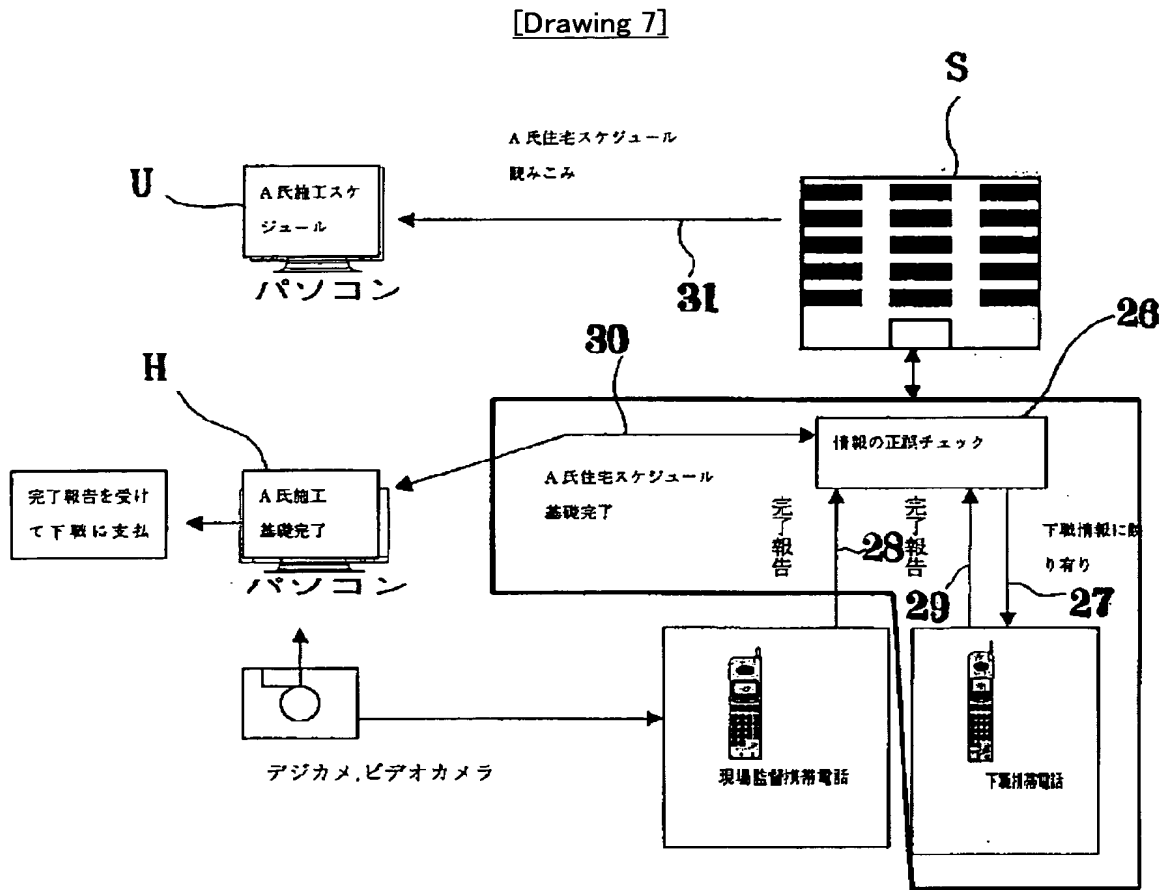


[Drawing 5]



[Drawing 6]





DESCRIPTION OF DRAWINGS

[Brief Description of the Drawings]

[Drawing 1] System explanatory drawing in which, carrying out the outline of the important section of one example of this invention system on the whole, and showing it.

[Drawing 2] System explanatory drawing in which, carrying out the outline of other important sections of one example of this invention system on the whole, and showing them.

[Drawing 3] Outline explanatory drawing of the important section.

[Drawing 4] Outline explanatory drawing of other important sections.

[Drawing 5] Outline explanatory drawing of other important sections.

[Drawing 6] Outline explanatory drawing of other important sections.

[Drawing 7] Outline explanatory drawing of other important sections.